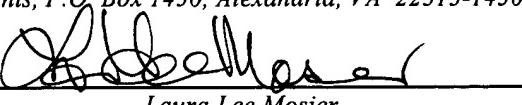


I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: August 9, 2004.

by: 

Laura Lee Mosier

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> application of: JOHN H. HEANUE et al.	Art Unit: 2828
Application No. 09/491,429	Examiner: Rodriguez, Armando
Filed: January 26, 2000	Date: August 9, 2004
For: WIDELY TUNABLE LASER	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

Applicant submits herewith patents and publications which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. While this Statement may be "material" pursuant to 37 C.F.R. §1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such. A listing of patents and publications is shown on enclosed PTO Form 08A and a copy of each patent and publication is also enclosed.

This information disclosure statement is being filed in compliance with 37 CFR 1.97(c)(1) and we state that no item of information contained in the Information Disclosure

Statement submitted herewith, was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Respectfully submitted,

DORSEY & WHITNEY LLP



Edward N. Bachand
Reg. No. 37,085

Suite 3400, Four Embarcadero Center
San Francisco, CA 94111-4187
Telephone: (650) 494-8700
Facsimile: (650) 494-8771

1077091



Substitute for form 1449A/PTO
(Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

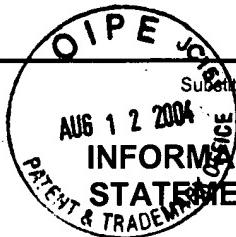
5

Complete if Known	
Application Number	09/491,429
Filing Date	January 26, 2000
First Named Inventor	John F. HEANUE
Art Unit	2828
Examiner Name	Rodriguez, Armando
Attorney Docket Number	A-68918/ENB (468880-00007)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,460,977	07-14-1984	Shimada et al.	
	A2	4,504,950	03-13-1985	AuYeung	
	A3	4,560,246	12-24-1985	Cotter	
	A4	4,583,227	04-15-1986	Kirkby	
	A5	4,770,047	09-13-1988	Arditty et al.	
	A6	4,839,614	06-13-1989	Hill et al.	
	A7	4,843,233	06-27-1989	Jeunhomme	
	A8	4,847,854	07-11-1989	Van Dijk	
	A9	4,870,269	09-26-1989	Jeunhomme et al.	
	A10	4,932,782	06-12-1990	Graindorge et al.	
	A11	4,994,677	02-19-1991	Graindorge	
	A12	5,028,395	07-02-1991	Sebille et al.	
	A13	5,050,179	09-17-1991	Mooradian	
	A14	5,058,124	10-15-1991	Cameron et al.	
	A15	5,103,457	04-07-1992	Wallace et al.	
	A16	5,115,677	05-26-1992	Martin et al.	
	A17	5,124,993	06-23-1992	Braunlich et al.	
	A18	5,141,316	08-25-1992	Lefèvre et al.	
	A19	5,163,063	11-10-1992	Yoshikawa et al.	
	A20	5,172,185	12-15-1992	Leuchs et al.	
	A21	5,181,078	01-19-1993	Lefevre et al.	
	A22	5,181,214	01-19-1993	Berger et al.	
	A23	5,181,717	01-26-1993	Donntag et al.	
	A24	5,185,643	02-09-1993	Vry et al.	
	A25	5,218,610	06-08-1993	Dixon	
	A26	5,225,930	07-06-1993	Land et al.	
	A27	5,263,037	11-16-1993	Trutna, Jr. et al.	
	A28	5,270,791	12-14-1993	Lefevre et al.	
	A29	5,305,330	04-19-1994	Rieder et al.	
	A30	5,321,717	06-14-1994	Adachi et al.	

Examiner Signature		Date Considered
--------------------	--	-----------------



Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Complete if Known	
Sheet	2	of	5	Application Number	09/491,429
				Filing Date	January 26, 2000
				First Named Inventor	John F. HEANUE
				Art Unit	2828
				Examiner Name	Rodriguez, Armando
				Attorney Docket Number	A-68918/ENB (468880-00007)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A31	5,327,447	07-05-1994	Mooradian	
	A32	5,331,651	07-19-1994	Becker et al.	
	A33	5,347,527	09-13-1994	Favre et al.	
	A34	5,349,440	09-20-1994	DeGroot	
	A35	5,373,515	12-13-1994	Wakabayashi et al.	
	A36	5,387,974	02-07-1995	Nakatani	
	A37	5,412,474	05-02-1995	Reasenberg et al.	
	A38	5,414,280	05-09-1995	Girmay	
	A39	5,418,800	05-23-1995	Prior et al.	
	A40	5,420,687	05-30-1995	Kachanov	
	A41	5,428,700	06-27-1995	Hall	
	A42	5,438,579	08-01-1995	Eda et al.	
	A43	5,444,724	08-22-1995	Goto	
	A44	5,450,202	09-12-1995	Tisue	
	A45	5,473,625	12-05-1995	Hansen et al.	
	A46	5,543,916	08-06-1996	Kachanov	
	A47	5,583,638	12-10-1996	Cutler	
	A48	5,594,744	01-14-1997	Lefevre et al.	
	A49	5,606,439	02-25-1997	Wu	
	A50	5,631,736	05-20-1997	Thiel et al.	
	A51	5,651,018	07-22-1997	Mehuys et al.	
	A52	5,673,129	09-30-1997	Mizrahi	
	A53	5,712,704	01-27-1998	Martin et al.	
	A54	5,719,674	02-17-1998	Martin et al.	
	A55	5,737,109	04-07-1998	Goodwin	
	A56	5,751,750	05-12-1998	Friede et al.	
	A57	5,760,391	06-02-1998	Narendran	
	A58	5,777,773	07-07-1998	Epworth et al.	
	A59	5,802,085	09-01-1998	Lefevre et al.	
	A60	5,812,716	09-22-1998	Ohishi	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--



Substitute for form 1449A/PTO
(Modified)

AUG 12 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

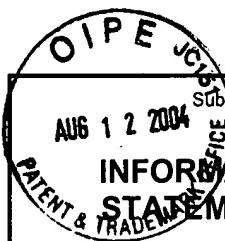
 Sheet **3** of **5** Attorney Docket Number **A-68918/ENB (468880-00007)**
Complete if Known

Application Number	09/491,429
Filing Date	January 26, 2000
First Named Inventor	John F. HEANUE
Art Unit	2828
Examiner Name	Rodriguez, Armando

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A61	5,825,792	10-20-1998	Villeneuve et al.	
	A62	5,848,092	12-08-1998	Mitsumoto et al.	
	A63	5,862,162	01-19-1999	Maeda	
	A64	5,872,881	02-16-1999	Rossi et al.	
	A65	5,886,785	03-23-1999	Lefevre et al.	
	A66	5,917,188	06-29-1999	Atkinson et al.	
	A67	5,943,352	08-24-1999	Fee	
	A68	5,946,331	01-25-2000	Amersfoort et al.	
	A69	5,991,061	11-23-1999	Adams et al.	
	A70	6,018,535	01-25-2000	Maeda	
	A71	6,026,100	02-15-2000	Maeda	
	A72	6,034,799	03-07-2000	Hansen	
	A73	6,040,950	03-21-2000	Broome	
	A74	6,043,883	03-28-2000	Leckel et al.	
	A75	6,044,095	03-28-2000	Asano et al.	
	A76	6,061,369	05-09-2000	Conradi	
	A77	6,064,501	05-16-2000	Roberts et al.	
	A78	6,081,539	06-27-2000	Mattori et al.	
	A79	6,084,695	07-04-2000	Martin et al.	
	A80	6,108,355	08-22-2000	Zorabedian	
	A81	6,115,121	09-05-2000	Erskine	
	A82	6,115,401	09-05-2000	Scobey et al.	
	A83	US RE37,044 E	02-06-2001	Wu	
	A84	6,192,058 B1	02-20-2001	Abeles	
	A85	6,205,159 B1	03-20-2001	Sesko et al.	
	A86	6,215,802 B1	04-10-2001	Lunt	
	A87	6,229,835 B1	05-08-2001	Tomaru et al.	
	A88	6,243,517 B1	06-05-2001	Deacon	
	A89	6,246,480 B1	06-12-2001	O'Brien	
	A90	6,249,364 B1	06-19-2001	Martin et al.	

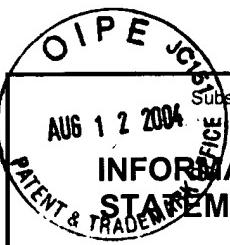
Examiner Signature		Date Considered	
--------------------	--	-----------------	--



Substitute for form 1449A/PTO (Modified)		Complete if Known			
AUG 12 2004 U.S. PATENT & TRADEMARK OFFICE		Application Number	09/491,429		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	January 26, 2000		
(use as many sheets as necessary)		First Named Inventor	John F. HEANUE		
		Art Unit	2828		
		Examiner Name	Rodriguez, Armando		
Sheet	4	of	5	Attorney Docket Number	A-68918/ENB (468880-00007)

U.S. PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--



Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/491,429
				Filing Date	January 26, 2000
				First Named Inventor	John F. HEANUE
				Art Unit	2828
				Examiner Name	Rodriguez, Armando
Sheet	5	of	5	Attorney Docket Number	A-68918/ENB (468880-00007)

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	c1	FAVRE, F. <i>et al.</i> , "External Cavity Semiconductor Laser", <i>Electronics Letters</i> , January 17, 1991, Vol. 27, No. 2, pp. 183-184.	
	c2	MacLEOD, H.A., "Thin-Film Optical Filters, Second Edition", McGraw-Hill, 1989, pp. 244-269.	
	c3	KETELSEN, L.J.P., "Simple Technique for Measuring Cavity Loss in Semiconductor Lasers", <i>Electronic Letters</i> , August 18, 1994, Vol. 30, No. 17, pp. 1422-1424.	
	c4	MELLIS, J. <i>et al.</i> , "Miniature Packaged External-Cavity Semiconductor Laser with 50 GHz Continuous Electrical Tuning Range", <i>Electronic Letters</i> , August 4, 1988, Vol. 24, No. 16, pp. 988-989.	
	c5	SCOBAY, M., <i>et al.</i> , "Stable Ultra-Narrow Bandpass Filters", <i>SPIE</i> , Vol. 2262, pp. 37-46.	
	c6	SHTENGEL, G. E., <i>et al.</i> , "Internal Optical Loss Measurements in 1.3 μ m InGaAsP Lasers", <i>Electronic Letters</i> , July 6, 1995, Vol. 31, No. 14, pp. 1157-1159.	
	c7	SIEGMAN, A.E., "LASERS", <i>University Science Books</i> , Chapter 11: Laser Mirrors and Regenerative Feedback, Section 11.5 Optical-Cavity Mode Frequencies, pp. 432-440.	
	c8	TAKAHASHI, H., "Temperature Stability of Thin-Film Narrow-Bandpass Filters Produced by Ion-Assisted Deposition", <i>Applied Optics</i> , February 1, 1995, Vol. 34, No. 4, pp. 667-675.	

1075410

Examiner Signature		Date Considered	
--------------------	--	-----------------	--